

Title (en)

Front-illuminated Display Device

Title (de)

Frontbeleuchtete Anzeigevorrichtung

Title (fr)

Dispositif d'affichage par la face avant

Publication

EP 1166013 A1 20020102 (DE)

Application

EP 01913581 A 20010205

Priority

- DE 0100459 W 20010205
- DE 10004972 A 20000204

Abstract (en)

[origin: WO0157434A1] The invention relates to a display device in which a light guide board (6) that is provided with light-scattering particles is used for the effective front illumination of a display, preferably a liquid crystal (4) cell. The light guide board (6) is illuminated laterally.

IPC 1-7

F21V 8/00

IPC 8 full level

F21V 8/00 (2006.01)

CPC (source: EP US)

G02B 6/0028 (2013.01 - EP US); **G02B 6/0041** (2013.01 - EP US); **G02B 6/0046** (2013.01 - EP US)

Citation (search report)

See references of WO 0157434A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

WO 0157434 A1 20010809; DE 10004972 A1 20010816; DE 50114459 D1 20081218; EP 1166013 A1 20020102; EP 1166013 B1 20081105; ES 2312420 T3 20090301; US 2002114148 A1 20020822; US 6709123 B2 20040323

DOCDB simple family (application)

DE 0100459 W 20010205; DE 10004972 A 20000204; DE 50114459 T 20010205; EP 01913581 A 20010205; ES 01913581 T 20010205; US 95837302 A 20020325